

TITLE: TRANSGENIC MANIPULATION OF SN-GLYCEROL-3-PHOSPHATE AND GLYCEROL PRODUCTION WITH A FEEDBACK-DEFECTIVE GLYCEROL-3-PHOSPHATE DEHYDROGENASE GENE

Inventor: Zou et al.

Serial No.: 10/088,079

Docket No.: 3015-7453US



Figure 1

1 atgaaccaacgtaatgcttaatgactgtgatcggtccggctcg  
M N Q R N A S M T V I G A G S 15  
46 tacggcaccgccttgcacccatggcaagaatggccacgag  
Y G T A L A I T L A R N G H E 30  
91 gttgtcctctggggccatgaccctgaacatatcgcaacgcttgaa  
V V L W G H D P E H I A T L E 45  
136 cgcgaccgcgtgttaacgcccgcgttcccccgtgtgcctttccc  
R D R C N A A F L P D V P F P 60  
181 gatacgctccatcttggaaagcgatctcgccactgcgctggcagcc  
D T L H L E S D L A T A L A A 75  
226 agccgtaatattctcgctcgtaaccagccatgtctttggtaa  
S R N I L V V P S H V F G E 90  
271 gtgctgcgccagattaaaccactgatgcgtcctgatgcgcgtctg  
V L R Q I K P L M R P D A R L 105  
316 gtgtggcgcaccaaggcttggaaagcgaaaccggacgtctgtta  
V W A T K G L E A E T G R L L 120  
361 caggacgtggcgctgaggccttaggcgatcaaattccgcgtggcg  
Q D V A R E A L G D Q I P L A 135  
406 gttatctctggcccaacgttgcgaaagaactggcggcagggtta  
V I S G P T F A K E L A A G L 150  
451 ccgacagctattdcgctgcgcgatcagacaccttgcgcgat  
P T A I S L A S T D Q T F A D 165  
496 gatctccagcagctgctgcactgcgcggaaaaggttccgcgtttac  
D L Q Q L L H C G K S F R V Y 180  
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N V I A I G A G M S D G I G F 210  
631 ggtgcgaatgcgcgtacggcgctgatcaccctggctggcgat  
G A N A R T A L I T R G L A E 225  
676 atgtcgcgtctggcgccgtgggtgcgcgaccctgcacac  
M S R L G A A L G A D P A T F 240  
721 atggcatggcgccgttggcgatctggcgatcgttacatgtaccgaa\*  
M G M A G L G D L V L T C T E 255  
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M D V Q S A Q E K I G Q V V E 285  
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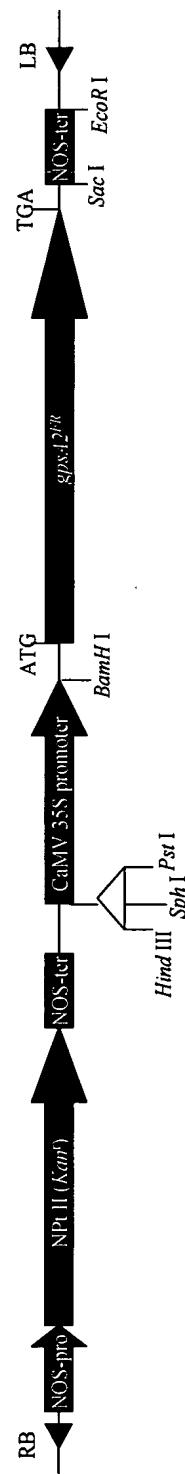
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Figure 2



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Figure 3

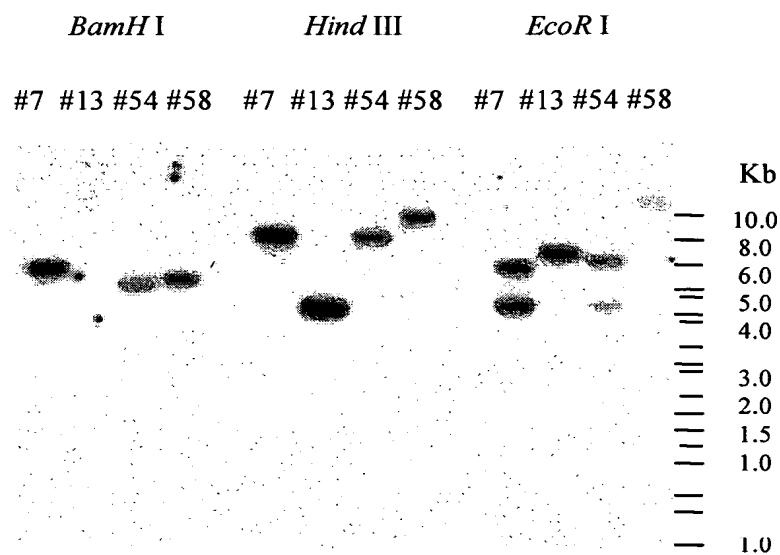
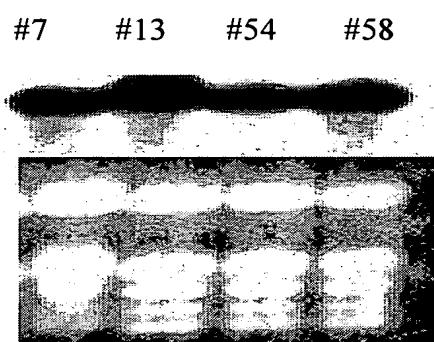
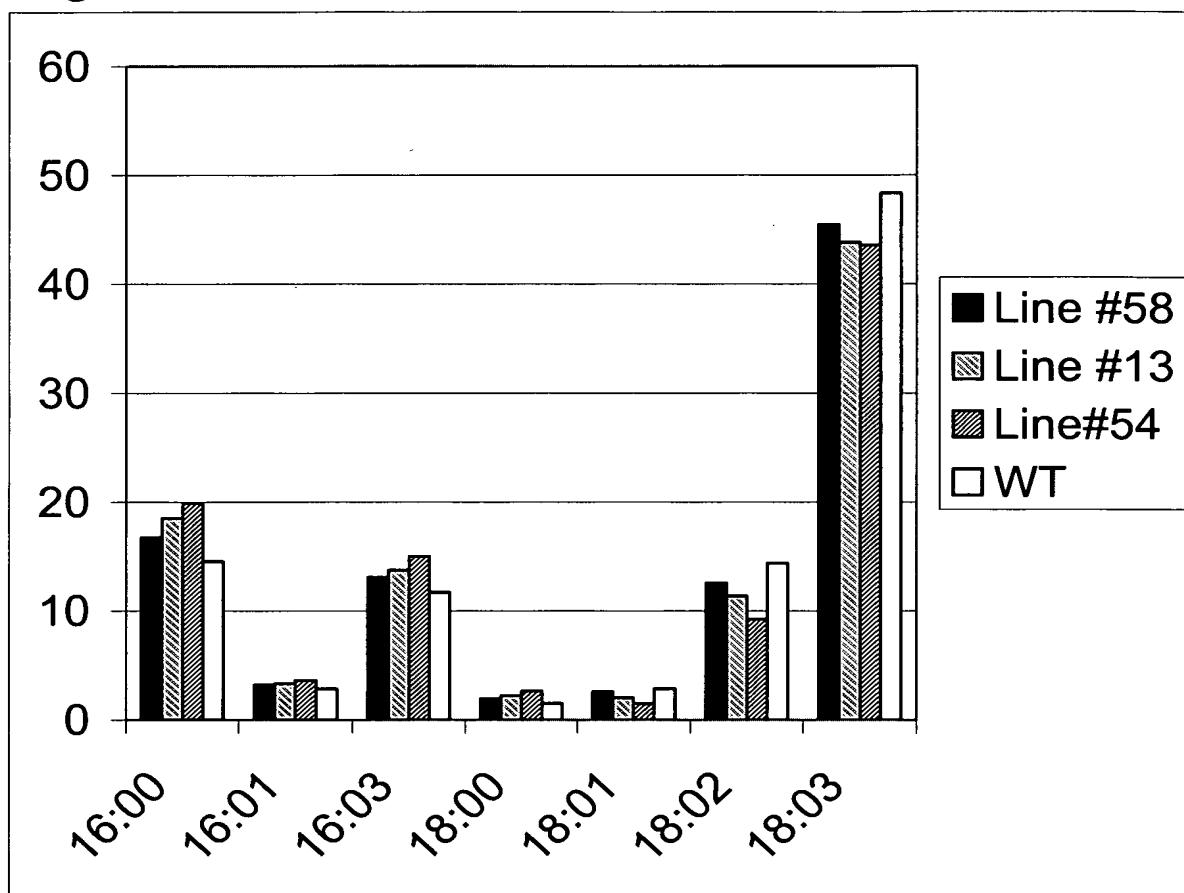


Figure 4



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Figure 5



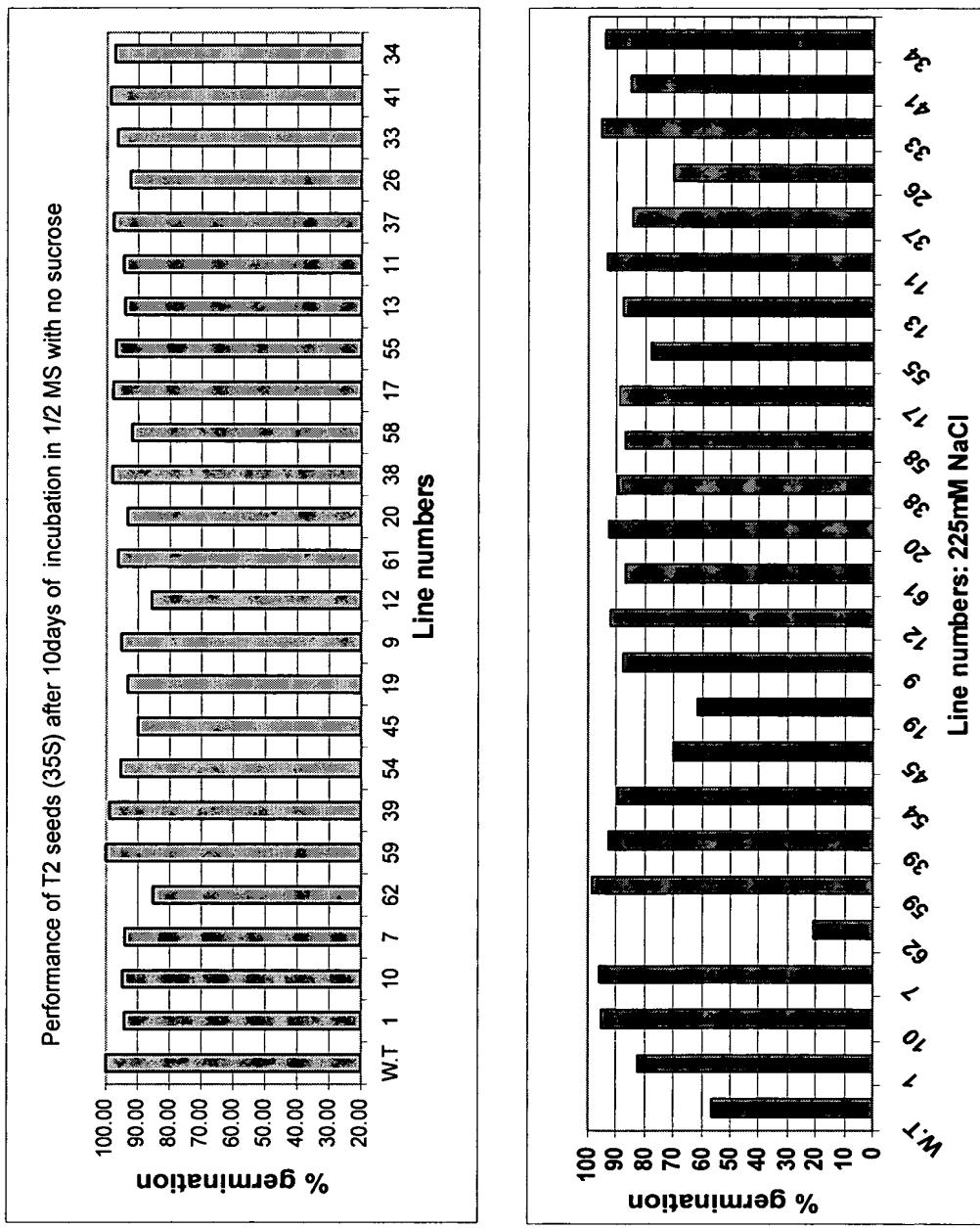
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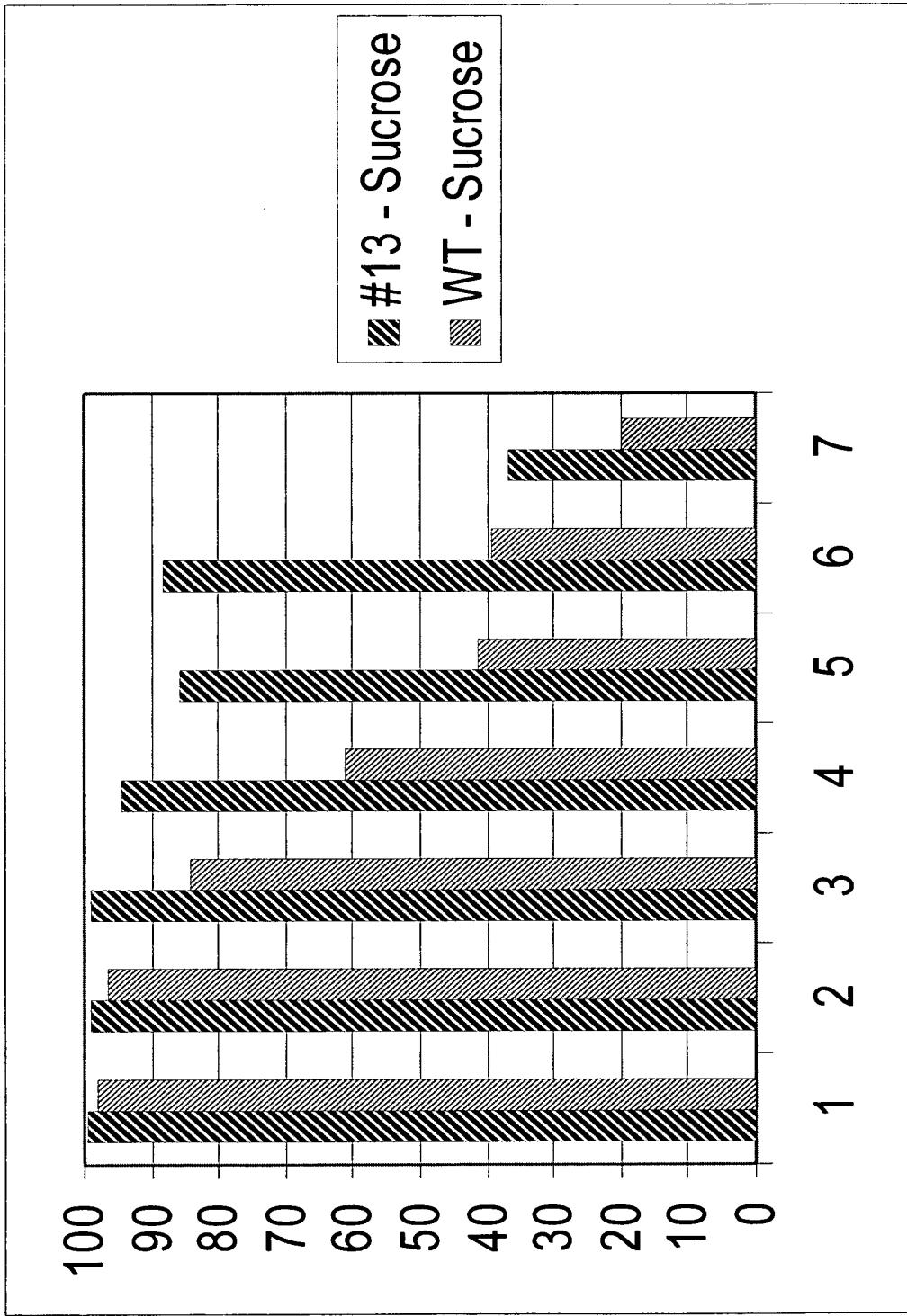
Figure 6



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Figure 7



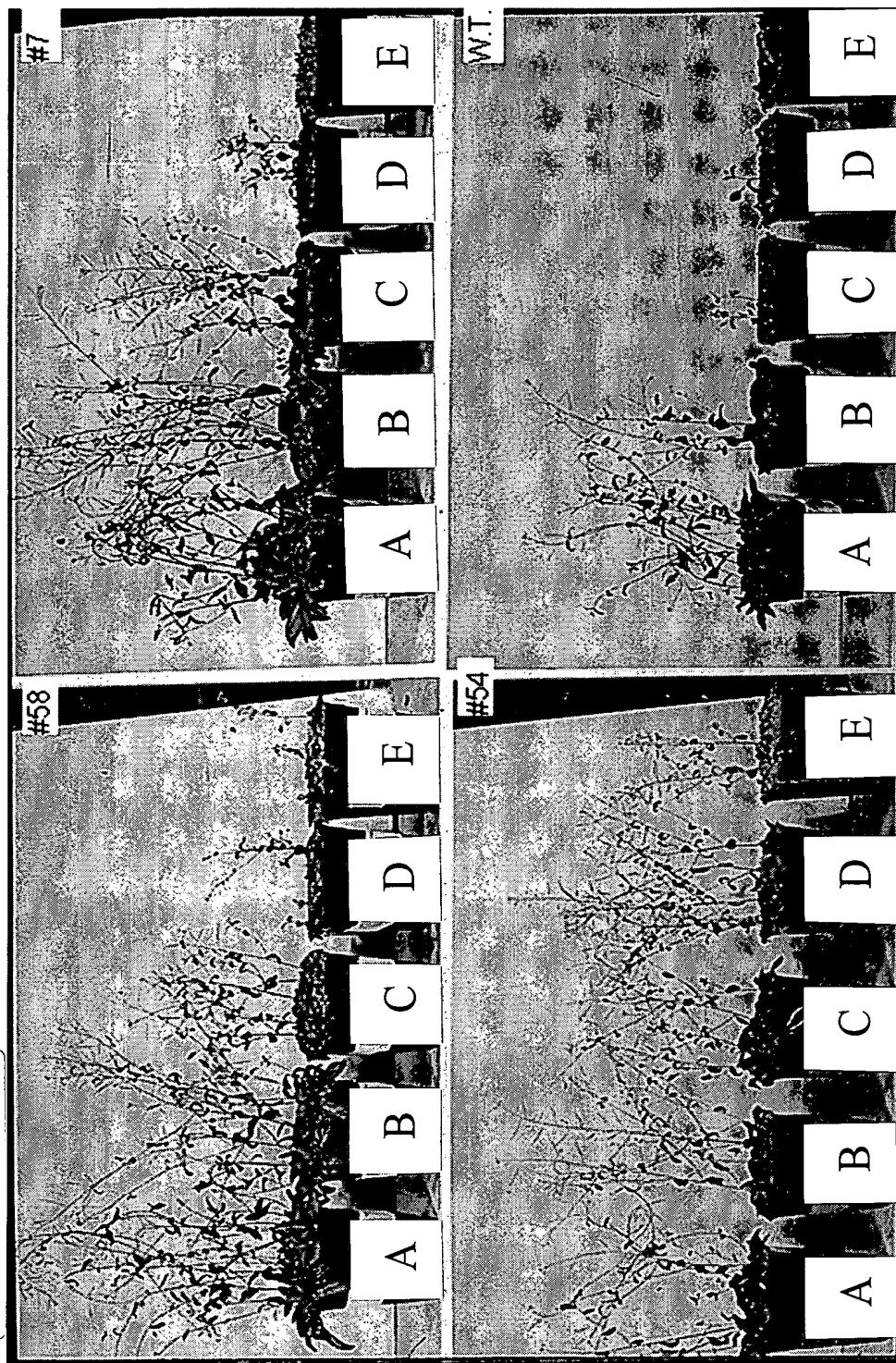
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Figure 8



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